

In the Claims

1. (Currently Amended) A syringe for use with an injector comprising a syringe retaining mechanism, the syringe comprising:
a body comprising a rear end and a front end;
a plunger sealingly engaged within the body;
at least one attachment member disposed on the rear end or front end of the body, the at least one attachment member adapted to be releasably retained by the syringe retaining mechanism of the injector regardless of the orientation of the syringe with respect to the injector; and

~~an encoding device~~ at least one encoding ring formed in at least a portion of the body and operable to provide syringe information to the injector.

2. (Original) The syringe of claim 1 wherein the at least one attachment member comprises an annular ridge disposed on the body.

3. (Original) The syringe of claim 1, further comprising one or more projections associated with the body, the one or more projections adapted to engage corresponding members of the syringe retaining mechanism to enable release of the syringe from the injector through rotational motion.

4. (Original) The syringe of claim 1 wherein the at least one attachment member comprises one or more tab members.

5. (Original) The syringe of claim 4 wherein each of the tab members comprises a first tab end attached to the body and a second tab end adapted to engage the syringe retaining mechanism of the injector.

6. (Original) The syringe of claim 4 wherein the tab members are resilient members.

7. (Original) The syringe of claim 4 wherein the tab members are integrally formed with the body.

8. (Original) The syringe of claim 1, further comprising a flange associated with the body and adapted to engage a corresponding surface of the injector when the syringe is releasably engaged therewith.

9. (Original) The syringe of claim 8 wherein the flange is adapted to substantially prevent fluid from entering the interior of the injector.

10. (Original) The syringe of claim 1 wherein the at least one attachment member is moved in an axial direction to releasably engage the injector.

11. (Original) The syringe of claim 1 wherein the at least one attachment member is moved in a vertical direction to releasably engage the injector.

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A syringe for use with an injector comprising a syringe retaining mechanism, the syringe comprising:

a body comprising a rearward end and a forward end;

a plunger sealingly engaged within the body;

at least one attachment member disposed on the rearward end ~~or forward~~ end of the body; and

at least one rotation member comprising a recess formed in the rearward end of the body for releasably retaining a corresponding member of the syringe retaining mechanism of the injector.

15 -20. (Canceled)

21. (Canceled)

22. (Previously Presented) The syringe of Claim 1 wherein the encoding device is disposed on at least one of the front end or rearward end of the body.

23. (Previously Presented) The syringe of Claim 1 wherein the at least one attachment member comprises projections or recesses.

24. (Previously Presented) The syringe of Claim 1 wherein the at least one attachment member extends from the body.